



## Frequency:

Frequency range: 0~18 GHz

VSWR: 1.5 Max. under 6GHz

Insertion Loss (dB): 0.177 under 6GHz

## Electrical:

Impedance: 50 ohm

Voltage Rating:  $\geq 500$  V rms (Depending on cable)

Insulator Resistance :  $\geq 5$  G $\Omega$

Dielectric Withstanding Voltage : 1000 V rms

Contact Resistance : Center Contact  $\leq 3$  m $\Omega$ .

Outer Contact  $\leq 2.5$  m $\Omega$

PN  
index

Cable Type	Dimensions		
	A	B	C
0 RG 402	3.7	4.7	1.0
1 RG 405	2.3	3.2	0.6

## Mechanical:

Mating : 1/4-46 UNS Screw-on Coupling

Recommended Mating Torque : 7.1~9.7lbs

Coupling Nut Retention Force :  $\geq 60.7$  lbs



## Environmental:

Temperature Range : -65°C to 165°C

Corrosion (Salt Spray) : MIL-STD-202,

Method 101, Cond.B

Thermal Shock : MIL-STD-202, Method 107, Cond.B

Mechanical : MIL-STD-202, Method 213, Cond.I

Vibration : MIL-STD-202, Method 204, Cond.D

## Notes:

1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.

2- Any changes for interface dimensions are strictly prohibited.

3- The Material and plating are in various options per customer's request.

4- A complete information for connectors is available upon request.

Tolerances .X $\pm 0.2$ .XX $\pm 0.1$ .XXX $\pm 0.05$	Scale	Abbr.	Rev.	<b>Part Number</b> <b>F112-144x</b> <small>.....</small> <b>PN index above</b>	
	NTS	ST	B		
PAGE <b>1 of 1</b>	<b>All Dimensions in mm</b> (Unless Otherwise Specified)			<b>Date</b> 2021/09/06	